

The omniDOC systems offer high performance gel documentation and analysis at affordable costs.

This versatile modular system supplied with the convenient 312nm slide-out transilluminator, Epi-white light and optional plug-and-go Epi-blue light and white light table, offers the perfect solution for DNA, RNA and protein gel imaging. Its simple image acquisition and analysis software guides the user through every step of the gel documentation process.



## KEY FEATURES

- Pre-focused 5 mega pixel camera with auto-exposure for almost instantaneous high resolution gel imaging
- Interchangeable filter – 620nm ethidium bromide filter as standard; 520, 560 and 580nm filter options for runSAFE, SYBR stain and other fluorescence applications
- Neutral density filter option for visual gels and blots
- Acquisition and basic analysis software included
- Large 21x26cm imaging area

## TECHNICAL SPECIFICATIONS

|                                             |                                                                                                                          |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| UV TRANSILLUMINATOR                         | 312nm, 21x26cm (WxL); 6x8W TUBES                                                                                         |
| RESOLUTION                                  | 5 MEGA PIXELS (2592x1944 PIXELS MAX)                                                                                     |
| SENSOR                                      | CMOS, 1/2.5". MONOCHROME                                                                                                 |
| LENS                                        | 5MM FOCAL LENGTH; APERTURE F1.2                                                                                          |
| IMAGE BIT-DEPTH SENSOR                      | 12-BIT (4096 GREY LEVELS)                                                                                                |
| FILTER CAMERA                               | 620NM EtBr (STANDARD);<br>OPTIONAL 520, 560, 580NM FILTERS                                                               |
| IMAGE STORAGE                               | PC OR LAPTOP                                                                                                             |
| CONNECTION TO OPERATING DEVICE              | USB TO PC                                                                                                                |
| OPERATING SYSTEM REQUIREMENTS FOR SOFTWARE  | WINDOWS® 7, 8 AND 10 (64BIT & 32BIT) / XP / VISTA                                                                        |
| DARK ROOM ASSEMBLY DIMS                     | 410 x 405 x 570MM (W x D x H)                                                                                            |
| FRONT PANEL DISPLAY                         | LED                                                                                                                      |
| VIEWING WINDOW                              | 560NM UNIVERSAL ORANGE FILTER                                                                                            |
| WHITE LIGHT                                 | 6x1W LED (STANDARD) FOR GEL POSITIONING                                                                                  |
| WHITE LIGHT TABLE (OPTIONAL)                | 21x26cm FILTER; CONNECTS INTERNALLY TO DARKROOM                                                                          |
| BLUE LED EPI-ILLUMINATION MODULE (OPTIONAL) | EXCITATION WAVELENGTH 470NM; CONNECTS INTERNALLY TO DARK ROOM                                                            |
| SAFETY                                      | SAFETY INTERLOCK SWITCH ON FRONT DOOR PANEL; DISCONNECTS UV TRANSILLUMINATOR ON OPENING; COMPLIES WITH CE, FCC STANDARDS |
| USB PORT                                    | FOR PC                                                                                                                   |
| POWER RATING                                | DUAL VOLTAGE: 110-230 VAC                                                                                                |
| WEIGHT                                      | 25KG                                                                                                                     |

## ORDERING INFORMATION

|                     |                                                                                                                                                                  |               |                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------|
| OMNIDOC             | omniDOC Gel Documentation System with 620nm (EtBr) emission filter & 312nm UV transilluminator*                                                                  |               |                                                            |
| OMNIDOCSAFE         | omniDOC plus Blue LED Epi-illumination Module (OMNIDOC-BL) and 520, 560 & 580 filters (OMNIDOC-EB, -AF560 & -AF580)*                                             |               |                                                            |
| OMNIDOCPRO          | omniDOC plus White Light table (OMNIDOC-WLT) and ND filter*                                                                                                      |               |                                                            |
| OMNIDOCPROSAFE      | omniDOC plus Blue LED Epi-illumination Module (OMNIDOC-BL) and 520, 560, 580 & ND filters (OMNIDOC-EB, -AF560 -AF580 & -ED) and white Light table (OMNIDOC-WLT)* |               |                                                            |
| omniDOC Accessories |                                                                                                                                                                  |               |                                                            |
| OMNIDOC-WLT         | Optional White Light Table                                                                                                                                       | OMNIDOC-AF580 | Amber Filter, 580nm                                        |
| OMNIDOC-BL          | Optional Blue Light modules                                                                                                                                      | OMNIDOC-AF560 | Amber Filter, 560nm                                        |
| OMNIDOC-SYBR        | Optical SYBR Green Filter                                                                                                                                        | OMNIDOC-F1    | Viewing window, Amber Filter, 560nm (Supplied as standard) |
| OMNIDOC-EB          | Optical EtBr Filter (Supplied as standard)                                                                                                                       | OMNIDOC-ND    | Neutral Density Filter                                     |

\* Requires a PC or laptop with USB cable